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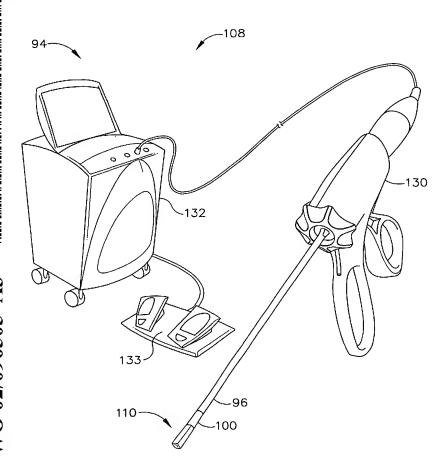
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(54) Title: EXCISIONAL AND ULTRASOUND MEDICAL TREATMENT SYSTEM



(57) Abstract: An ultrasound medical treatment system (108) includes a tube (96) and first and second end effectors (110). The tube (96) has a distal end (100) insertable into a patient and has a lumen (012). The first end effector has a cutting tool (184), is insertable into the lumen of the inserted tube from outside the patient, and is translatable through the lumen of the inserted tube to inside the patient. The second end effector has an ultrasound medical-treatment transducer assembly (112), is introducible into the lumen of the inserted tube from outside the patient, and is translatable through the lumen of the inserted tube to inside the patient. In one use, the cutting tool (184) takes a biopsy sample of possibly cancerous breast tissue (196) of a patient, and the breast receives ultrasound medical treatment from the transducer assembly to stop hemorrhaging.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/16697

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| A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61B 8/14 | | | | |
| US CL : 600/466 | | | | |
| According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED | | | | |
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| Minimum documentation searched (classification system followed by classification symbols) U.S.: 600/407-471; 128/916; 607/122; 604/ 10, 19, 22, 41, 96, 113, 114, 500; 606/27-32, 35, 38, 41, 159, 169-171; 601/2, 3 | | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | | | |
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| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet | | | | |
| C. DOC | UMENTS CONSIDERED TO BE RELEVANT | | | |
| Category * | Citation of document, with indication, where a | propriate of the relevant passage | s Relevant to claim No. | |
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| Y | US 5,421,338 A (CROWLEY et al.) 06 June 1995 (06.06.1995), the entire document. | | | |
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| 17 October 20 | 002 (17.10.2002) | 31 MAR 2003 | . | |
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